Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 05 Dec 2023 until 23:59 on Wednesday 06 Dec 2023

Forecast Issued on Tuesday 05 Dec 2023 at 00:12

Confidence: High for a return to milder, unsettled conditions. Medium in details.

Headline for Tuesday 05 Dec 2023: Rain and sleet dying out later. Wind chill over the tops.

Mountain weather hazards on Tuesday 05 Dec 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Sleet	Fog	Fog	Partly cloudy (night)	Clear night
Precipitation probability					
80%	80%	80%	50%	20%	10%

Forecast for Tuesday 05 Dec 2023

Weather: Outbreaks of rain during the morning and early afternoon, heavy at times and wintry over the highest tops. The rain gradually dying out during the afternoon, but likely remaining mostly cloudy during daylight hours. Partly cloudy or clear spells in the evening with a frost developing.

Chance of cloud-free hill tops above 600m: 20% during the morning rising to 70% late afternoon or early evening.

Low cloud and visibility: Extensive cloud, base 300 to 600m, the cloud lifting and clearing either late afternoon or early evening. Visibility moderate to very poor in rain, sleet and cloud, becoming mainly good or very good in the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 05 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 NE	18/24 NE	16/22 NE	16/22 NE	15/21 NE	11/18 NE	9/13 NE
300	11/17 NE	12/19 NE	12/19 NE	11/16 NE	8/14 NE	6/10 NE	3/5 NW
Valley	8/20 NE	9/20 NE	10/20 NE	7/17 NE	5/14 NE	3/8 NE	4/10 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	1/-4	1/-4	1/-5	0/-5	-0/-6	-0/-4
300	4/-0	4/-1	4/-1	3/-1	3/-0	2/-1	1/-1
Valley	4/1	4/1	4/1	4/1	3/0	0/-1	-0/-2
Freezing Level*	800m	900m	800m	800m	700m	600m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Nothing further to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 05 Dec 2023	23.8mm	23.8mm	23.8mm

Forecast for Wednesday 06 Dec 2023

Weather: Patchy freezing fog possible in the valleys overnight, otherwise clear with a widespread frost. Dry and bright during daylight hours, any freezing fog slow to clear and the sunshine turning hazy later. Strengthening winds and lowering cloud from dusk with outbreaks of rain and summit snow developing during the evening. The rain and snow could be heavy with blizzard conditions possible over the tops.

Maximum wind: East 15mph, becoming southeast 25mph gusts 35mph in the evening.

Chance of cloud-free hill tops above 600m: 80% overnight and daylight hours, but lowering 20% or less in the evening.

Low cloud and visibility: Nil significant cloud overnight and much of daylight hours, except for freezing fog patches in the valleys causing very poor visibility, including briefly at higher elevations as it slowly lifts. Cloud becoming extensive, base 600m or less from dusk. Mostly good or very good, becoming moderate to very poor in the evening.

Temperature: **Valleys:** Minus 3 Celsius rising to plus 3 Celsius
At 600m: Around Zero Celsius
Freezing level: All levels at first, gradually rising to around 600m

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